

<i><b><u>CIMS Transform</u></b></i>	<i><b><u>FGDC - MERMAID</u></b></i>	<i><b><u>FGDC Description</u></b></i>	<i><b><u>FGDC tag name</u></b></i>
HC "Office of Ocean Exploration and Research"	<metadata><idinfo><citation><citeinfo><origin>	The name of the primary organization or individual that developed the data set.	origin
Cruise.ChiefScientist	<metadata><idinfo><citation><citeinfo><origin>	The name of a secondary organization or individual that developed the data set.	origin
Year(Cruise.EndDate)	<metadata><idinfo><citation><citeinfo><pubdate>	The date when the data set is published or otherwise made available for release.	pubdate
Cruise.Title & ‘(’ & Cruise.Number & ‘)’ & ‘on’ & Cruise.Vessel & ‘in’ & Cruise.Geographic Area & ‘between’ & Cruise.StartDate & ‘and’ & Cruise.EndDate	<metadata><idinfo><citation><citeinfo><title>	The name by which the data set is known.	title
HC "Silver Spring, MD :"	<metadata><idinfo><citation><citeinfo><pubinfo><pubplace>	The name of the city (and state or province, and country, if needed to identify the city) where the data set as published or released.	pubplace
HC "NOAA Office of Ocean Exploration and Research,"	<metadata><idinfo><citation><citeinfo><pubinfo><publish>		publish
<b>Cruise.DataSummary</b>	<metadata><idinfo><descript><abstract>	A brief narrative summary of the data set.	abstract
HC "Ocean Exploration"	<metadata><idinfo><descript><purpose>	A summary of the intentions with which the data set was developed.	purpose
Cruise.Abstract	<metadata><idinfo><descript><supplinf>	Other descriptive information about the data set.	supplinf
Cruise.StartDate	<metadata><idinfo><timeperd><timeinfo><rngdates><startdate>	The first year (and optionally month, or month and day) of the event.	caldate
Cruise.EndDate	<metadata><idinfo><timeperd><timeinfo><rngdates><enddate>	The last year (and optionally month, or month and day) of the event.	
HC "Create Date"	<metadata><idinfo><timeperd><current>	The basis on which the time period of content information is determined. (ground condition, publication date, or free text)	current
HC "Complete"	<metadata><idinfo><status><progress>	The state of the data set. (planned, in work, complete)	progress
HC "Unknown"	<metadata><idinfo><status><update>	The frequency with which changes and additions are made to the data set after the initial data set is completed. (annually, as needed, continually, daily, irregular, monthly, none planned, unknown, weekly)	update
Cruise.westLon	<metadata><idinfo><spdom><bouding><westbc>	Western-most coordinate of the limit of coverage expressed in longitude.	westbc
Cruise.eastLon	<metadata><idinfo><spdom><bouding><eastbc>	Eastern-most coordinate of the limit of coverage expressed in longitude.	eastbc
Cruise.northLat	<metadata><idinfo><spdom><bouding><northbc>	Northern-most coordinate of the limit of coverage expressed in latitude.	northbc
Cruise.southLat	<metadata><idinfo><spdom><bouding><southbc>	Southern-most coordinate of the limit of coverage expressed in latitude.	southbc
HC “GCMD”	<metadata><idinfo><keywords><theme><themekt>	Common-use word or phrase used to describe the subject of the data set.	themekt

HC “EARTH SCIENCE>Oceans”	<metadata><idinfo><keywords><theme><themekey>	Common-use word or phrase used to describe the subject of the data set.	themekey
HC "ISO 19115 Topic Categories"	<metadata><idinfo><keywords><theme><themekt>	Reference to a formally registered thesaurus or a similar authoritative source of theme keywords. (ISO 19115 Topic Categories, GCMD, None)	themekt
HC "oceans"	<metadata><idinfo><keywords><theme><themekey>	Common-use word or phrase used to describe the subject of the data set.	themekey
HC "014"	<metadata><idinfo><keywords><theme><themekey>	Common-use word or phrase used to describe the subject of the data set.	themekey
HC “None”	<metadata><idinfo><keywords><theme><themekt>	Reference to a formally registered thesaurus or a similar authoritative source of theme keywords. (ISO 19115 Topic Categories, GCMD, None)	themekt
HC “Ocean Exploration and Research”	<metadata><idinfo><keywords><theme><themekey>	Common-use word or phrase used to describe the subject of the data set.	themekey
Each word or phrase separated by CR in Cruise.keyword	<metadata><idinfo><keywords><theme><themekey>	Common-use word or phrase used to describe the subject of the data set.	themekey
HC "None"	<metadata><idinfo><keywords><place><placekt>	Reference to a formally registered thesaurus or a similar authoritative source of theme keywords. (ISO 19115 Topic	placekt
Cruise.Basin	<metadata><idinfo><keywords><place><placekey>	The geographic name of a location covered by a data set.	placekey
Cruise.Subbasin	<metadata><idinfo><keywords><place><placekey>	The geographic name of a location covered by a data set.	placekey
Cruise.GeographicRegion	<metadata><idinfo><keywords><place><placekey>	The geographic name of a location covered by a data set.	placekey
HC "No Access Constraints."	<metadata><idinfo><acceconst>	Restrictions and legal prerequisites for accessing the data set. These include any access constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the data set.	acceconst
HC "No Use Constraints."	<metadata><idinfo><useconst>	Restrictions and legal prerequisites for using the data set after access is granted. These include any use constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on using the data set.	useconst
Contact.theName where Personnel.role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntorgp><cntperp>	The person, and the affiliation of the person, associated with the data set. Used in cases where the association of the person to the data set is more significant than the association of the organization to the data set.	cntperp
Contact.org where Personnel.role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntorgp><cntorg>	The organization, and the member of the organization, associated with the data set. Used in cases where the association of the organization to the data set is more significant than the association of the person to the data set.	cntorg
Contact.addrtype where Personnel.role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><addrtype>	The information provided by the address. (physical, mailing, mailing and physical)	addrtype

Contact.mail where Personnel.Role = "Chief Scientist" and Contact.addrtype = "mailing" or "mailing and physical" OR Contact.street where Personnel.Role = "Chief Scientist" and Contact.addrtype = "physical"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><address>	An address line for the address.	address
Contact.cityl where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><city>	The city of the address.	city
Contact.state where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><state>	The state or province of the address.	state
Contact.zip where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><postal>	The ZIP or other postal code of the address.	postal
Contact.citizenship where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntaddr><country>	The country of the address.	country
Contact.phone where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntvoice>	The telephone number by which individuals can speak to the organization or individual.	cntvoice
Contact.fax where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntfax>	The telephone number of a facsimile machine of the organization or individual.	cntfax
Contact.email where Personnel.Role = "Chief Scientist"	<metadata><idinfo><ptcontac><cntinfo><cntemail>	The address of the electronic mailbox of the organization or individual.	cntemail
Contact.org where Personnel.role = "Chief Scientist"	<metadata><idinfo><datacred>	Recognition of those who contributed to the data set.	datacred
Cruise.DataInventory	<metadata><eainfo><overview><eaover>	Detailed summary of the information contained in a data set	eaover
HC <boilerplate statement>	<metadata><eainfo><overview><eadetcit>	Reference to the complete description of the entity types, attributes, and attribute values for the data set.	eadetcit
Set to Date() when metadata is generated.	<metadata><metainfo><metd>	The date that the metadata were created or last updated.	metd
HC “NOAA/OAR/OER – Ocean Exploration and Research”	<metadata><metainfo><metc><cntinfo><cntorgp><cntorg>	The organization, and the member of the organization, associated with the data set. Used in cases where the association of the organization to the data set is more significant than the association of the person to the data set.	cntorg
HC “mailing”	<metadata><metainfo><metc><cntinfo><cntaddr><addrtype>	The information provided by the address. (physical, mailing, mailing and physical)	addrtype
HC “SSMC3, 1315 East-West Highway, 10th Floor ”	<metadata><metainfo><metc><cntinfo><cntaddr><addresses>	An address line for the address.	address
HC “Silver Spring”	<metadata><metainfo><metc><cntinfo><cntaddr><city>	The city of the address.	city
HC “MD”	<metadata><metainfo><metc><cntinfo><cntaddr><state>	The state or province of the address.	state
HC “20910”	<metadata><metainfo><metc><cntinfo><cntaddr><postal>	The ZIP or other postal code of the address.	postal
HC “United States”	<metadata><metainfo><metc><cntinfo><cntaddr><country>	The country of the address.	country
HC “301-734-1010”	<metadata><metainfo><metc><cntinfo><cntvoice>	The telephone number by which individuals can speak to the organization or individual.	cntvoice

[illegible]